MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

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JUL 21 1930
WEATHER BUREAU

MARCH, 1930

J. A. BROWN, DIRECTOR

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MARCH 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	66.2	65.2	65.4	65 6	16.8	10.2	14.1	15.6	13.7	14.5
2	5.7	4.7	5.2	5.2	17.7	10.0	14.0	16.9	15.0	15.3
3	5.9	4 9	5.2	5.3	17.3	9.4	14.4	17.1	13.7	15.1
4	4.4	4.6	5.5	4.8	18.4	10.8	15.9	17.9	13.8	15.9
5	6 7	5.6	5 1	5.7	18.3	11.7	16.1	17.6	14.3	16.0
6	62.1	59.3	59.2	60.2	18.3	11.0	15.3	17.7	15.6	16.2
7	59.4	8.8	60.9	59.7	18 4	12.3	15.8	19.2	13.6	15.5
8	62.8	62.9	4.2	63.3	17.9	11.4	15.0	17.3	13.5	15.3
9	7.3	7.5	8.8	7.9	18.7	11.0	15.3	18.3	14.6	16.1
10	9.9	9.2	9.1	9.4	19.0	12.2	16.3	18.3	14.0	16.2
11	67.6	65.1	64.4	65.7	9.5	11.7	15.9	18 5	15.3	16.6
12	2.0	0.4	59.5	0.6	21.9	12.2	20.0	19.7	16.4	18.7
13	57 5	56.8	6.7	57.0	27.2	15.5	22.7	23.8	18.3	21.6
14	6.0	5.6	6 4	6.0	22.0	15.3	18.3	19.9	15.6	17.9
15	62.8	63.9	64.6	63.8	18 6	12 8	15.3	16.9	14.9	15.7
16	64.5	63.3	63.8	63.9	18.9	11.5	16.7	18.3	14.2	16.4
17	2.9	2.5	3.0	2.8	19.7	12.2	16.6	18.6	15.6	16.9
18	3.4	3.2	3.8	3.5	20.6	13.3	17.4	19.1	15.7	17.4
19	4.2	3.2	3.3	3.6	20.2	13.9	17.6	19.3	16.7	17.9
20	1 8	59 9	59 4	0.4	21.8	14.7	17.5	20.6	17.1	18.4
21	56 7	55.0	55.7	55.8	27.0	16.4	22.5	26.1	19.4	22.7
22	8.6	8.0	8.6	8 4	21.4	14.8	18.5	20.4	16.9	18.6
23	9.1	8.7	9.2	9.0	21.1	14.4	17.1	20.3	16.1	17.8
24	60.2	9 5	9 7	9 8	20.8	13.9	17.8	19.8	16.6	18.1
25	0.9	60.0	61.0	60 6	19.8	13.3	16.6	18.9	15.2	16.9
26	60.3	60.1	60.1	60.4	20.7	13.4	18.3	19.8	16.4	18.2
27	57.2	54.4	53.2	54 9	22.1	13.9	18.2	21.2	17.6	19.0
28	4.0	4 0	4.5	4.2	21.1	14.4	18.6	20.4	15.8	18.3
29	5.1	4.6	5.8	5.2	23.2	14.7	20.3	22.1	17.3	19.9
30	9.7	60.6	62.9	1.1	20.0	14.4	16.0	19.2	15.4	16.9
31	64.1	3.0	3.5	3.5	19.9	13.6	16.5	18.2	14.0	16.2
	61.93	61.11	61.54	61.53	20.27	12 91	17.12	19.20	15.56	17.30

Barometer, Range for month 753.2-769.9 m.m.

„ 50-yr. average for month 761.16 m.m.

Thermometer, Range for month 9.°4-27.°2

, 50-yr. average for month 16.19

Rain, total for month 15 31 m.m.

„ , 50-yr average for month 98.30m.m.

„ , total. Sept. 1st to end of month 636.95m.m.

„ , 50-yr average, Sept. 1st to end of month. 826.02m m

MARCH 1930

METEOROLOGICAL REGISTER

	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	11.1	12.5	11.4	8.2	9.1	8.8	8.7	70	69	75	71	6.5	
2	11.0	12.5	11.9	8.1	8.4	8.6	8.4	69	58	68	65	10.8	
3	10.2	13.7	10.6	9.7	9.7	8.9	9.4	59	67	67	64	11.0	
4	12.2	13.6	11.1	8.6	9.2	8.4	8.7	64	60	71	65	10.8	
5	12.2	13.1	11.7	8.5	8.8	8.8	8.7	62	58	72	64	12.2	
6	12.1	14.6	12.7	8.8	10.5	9.3	9.5	68	68	70	68	6.2	
7	13.7	14.6	10.7	10.3	10.7	7.5	9.5	78	73	64	72	6.6	
8	12.9	15.2	11.4	9 9	11.5	8.9	10.1	78	78	77	78	10.0	
9	13.3	15 8	12.9	10.2	11.7	10.1	10.7	78	75	81	78	10.5	0.51
10	13.9	15.9	12.7	7.8	11.8	10.1	9.8	76	76	85	79	9.5	
11	13.3	15.6	13.7	9.9	11.2	10.6	10.6	74	71	82	76	8.6	
12	15.9	16.9	14.0	10.9	12.6	10.5	11.3	62	74	76	71	11.0	
13	17.1	20.6	15.6	11.2	15.7	11.4	12.	54	71	74	66	10.4	
14	16.7	18.0	14.1	12.9	14.0	9.0	12.0	83	80	84	82	9.2	
15	13.2	15.3	11.8	10.1	12.0	8.5	10.2	79	83	68	77	5.8	13.08
16	15.2	16.1	12.2	12.0	12.2	9.4	11.2	85	78	78	80	9.6	
17	13.9	15.8	14.2	10.2	11.6	11.1	18.0	72	73	85	77	9.5	
18	15.2	16.7	14.9	11.5	12.5	12.1	12.0	77	76	92	82	9 4	
19	15.4	16.6	15.6	11.7	12.3	12.4	12.1	78	74	88	80	10.2	
20	15 6	18.0	15.5	12.0	13.4	12.1	12.5	80	75	83	79	11.0	
21	17.9	16.7	17.3	12.3	9.3	13.2	11.6	60	37	79	59	9.0	
22	17.1	18.4	16.0	13.5	14.2	12.9	13.5	85	80	91	85	9.6	
23	15.6	17.6	15.1	12.1	13.1	12.1	12.4	84	74	89	82	10.4	
24	15.6	16.9	14.6	11.7	12 4	11.1	11.7	77	71	80	76	5.4	
25	13.9	15.4	13.4	10.2	10.9	10 4	10 5	73	67	81	74	6.2	
26	15.9	17.3	15.4	11.9	12.0	12.4	12.4	76	75	90	80	10.8	
27	16.3	18.3	16.7	12.5	13 7	13.4	13 2	81	73	91	82	9.8	
28	17.3	17.2	15.0	13.7	12.5	12.2	12.8	86	70	92	83	7.4	
29	15.1	18 6	15.9	9 8	13.5	12.5	11,9	55	68	85	69	10.6	
30	13 9	14.8	12.7	10.5	10.0	9 3	9.9	77	61	71	70	7.2	1.72
31	13.2	14.2	12 3	9 4	9 8	9 7	9.6	67	62	81	70	8.6	
	14 38	16.02	12.87	10 65	11.65	10 51	10.93	73.1	70.2	79.7	74.3	9.16	0.49

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

MARCH 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20·30	Mean	8:30	14:30	20:30	Km.		
1	4cicu	8stcu	1cu	4.3	0	1ne	2ne	154.8	light	tr. rain
2	2cicu	1frcu	0	1.0	0	2n	3n	106.4	light	
3	1cu	1cu	1cu	1.0	0	2sw	1n	144.0	light	
4	1cu	1cicu	0	0.7	0	1nw	1n	245.1	light	haze in a.m.
5	1frcu	1cicu	0	0.7	0	1n	1n	173.3	light	haze in a.m.
6	8ci	8ci	6ci	7.3	0	1ne	1n	48.8	calm	sirocco
7	8cicu	8nicu	3ci	6.3	1w	1w	0	163.3	light	
8	2cicu	6nicu	3ci	3.7	1sw	2sw	1sw	245.9	,,	lunar halo
9	2cicu	2cu	3stcu	2.3	0	2s	0	214.2	mod.	
10	2stcu	4stcu	1cu	2.3	1sw	1sw	0	332.6	,,	haze in a.m.
11	8ci	8ci	8stcu	8.0	1ne	1ne	2e	102.5	light	
12	3ci	8ci	6ci	5.7	0	0	0	225.3	mod.	hz.& ln.halo
13	2ci	0	0	0.7	0	2se	0	274.4	mod.	
14	2stcu	8nicu	10ni	6.7	0	2sw	3s	255.4	mod.	t.l.tr. rain
15	6nicu	8nicu	4stcu	6.0	4sw	2sw	2sw	548.8	rough	
16	2stcu	1frcu	3cicu	2.0	1sw	2sw	1sw	303.9	slight	haze all d.
17	8ci	0	0	2.7	1ne	0	0	97.4	calm	
18	3ci	2ci	0	1.7	0	0	0	72.7	,,	
19	8ci	0	0	2.7	1nw	2n	1n	77.9	,,	dew in a.m..
20	0	0	0	0.0	1nw	0	0	36.0	,,	dew in a.m.
21	10ci	3ci	0	4.3	0	0	0	81.8	,,	sirocco
22	0	2st	10ci	4.0	1ne	3sw	2s	572.1	slight	haze all day
23	6ci	2ci	0	2.7	2sw	2sw	1sw	352 8	mod.	mist in a.m.
24	4str	10ni	6strcu	6.7	2sw	2sw	1sw	334 1	mod.	
25	10ni	8ci	0	6.0	0	1nw	0	119.9	light	
26	1cu	0	0	0.3	1nw	1n	0	30.3	calm	haze in p.m.
27	1frcu	0	0	0.3	0	1ne	0	34.6	calm	
28	10ci	4cicu	0	4.7	2sw	2sw	0	405.5	mod.	
29	1cu	1frcu	6nicu	2.7	3sw	2sw	3s	543.0	slight	
30	8nicu	4strcu	4stcu	5.3	4s	4sw	3s	758.0	rough	
31	8ni	1cu	0	3.0	3s	2sw	0	240.6	mod	
				3.41				238.7		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	3	0	0	2	8	1	3	14
14:30	4	4	0	1	1	13	1	2	5
20.30	6	1	1	0	4	5	0	0	14
Totals	10	8	1	1	7	26	2	5	33

Number of days with rain 3, fog 0, thunderstorms 1, gales 0
50-yr average number of days with rain during month 10.9